



BOTECTOR – effective biological Botrytis control for strawberries, grapes & a range of other fruit

Advisors and growers reported **good results with BOTECTOR last season.**

In addition to **strawberries (outdoor/protected)** and **grapes** (separate bulletin and details available), BOTECTOR has a **wide range of EAMUs** and is particularly useful on crops like raspberry and blueberry where **other effective fungicide options are limited.**



Full crop range – standard rate **1.0 kg/ha with only 1 day harvest interval:**

Crops/situations		Max number of treatments (per year)
Strawberry (outdoor/protected)	On-label	6
Table grapes, wine grapes	On-label	4
Blackberry, loganberry and rubus hybrid, raspberry	EAMU	4 (2 day interval between each application)
Permanent protection with full enclosure strawberries	EAMU	4 (2 day interval between each application)
Billberry, blackcurrant and redcurrant, blueberry, cranberry, elderberry, gooseberry, mulberry, rose hips	EAMU	4 (2 day interval between each application)

Botector delivers the following advantages:

- ✓ **Rainfast**, unaffected by sunlight or drought
- ✓ **IPM compatible** – safe to bees and beneficial insects
- ✓ BOTECTOR in programmes with chemical fungicides **improves Botrytis control and reduces resistance**
- ✓ Unique **anti-resistant “blocking” mode of action** complements conventional fungicides
- ✓ Use close to harvest to **improve shelf-life and reduce fungicide residues**
- ✓ **No residues or marks** left on fruit – 1 day harvest interval
- ✓ Permitted for use in **organic** systems [OF&G Approved Inputs Scheme registration number UKE1406]

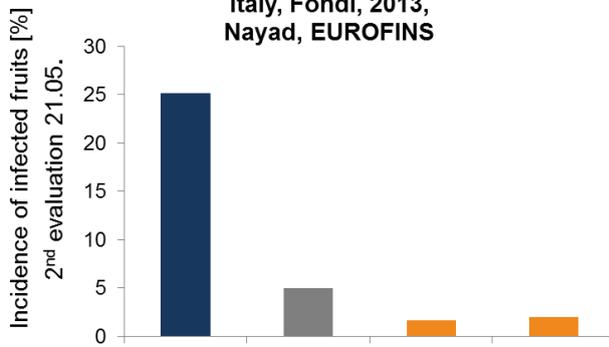
Copies of the EAMUs
 (Extensions of Authorisation for Minor Use) can be downloaded from the [CRD website](#), search **Authorisation No: 20201264, or BOTECTOR (MAPP 19443)**





BOTECTOR – a new biological standard for Botrytis control in strawberries

Italy, Fondi, 2013, Nayad, EUROFINS



Source: Bioferm

	Control	Chemical	Botector	Variant 1
Efficacy [%]	-	80	93	92
Significance	a	b	b	b
BBCH 61 10.04.	-	CH1	BOT	CH1
BBCH 65 18.04.	-	CH1	BOT	CH2
BBCH 67 23.04.	-	CH2	BOT	BOT
BBCH 69 03.05.	-	CH2	BOT	BOT

CH1 = a.i. cyprodinil/fludioxonil
 CH2 = a.i. fenhexamid
 BOT = **BOTECTOR**

BOTECTOR – for the control of Botrytis on blueberry

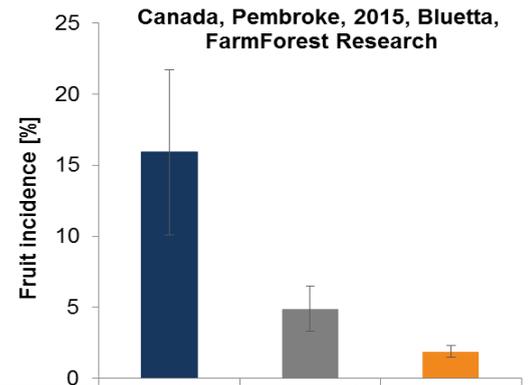
Efficacy evaluation for BOTECTOR implemented in IPM strategy

Materials & methods:

- Commercial high-bush plantation
- Cv. Bluetta
- 12 bushes per treatment, 4 reps [N=48]
- Application volume = 500 l/ha

CH1 = a.i. cyprodinil/fludioxonil
 CH2 = a.i. pyrimethanil
 BOT = **BOTECTOR**

Canada, Pembroke, 2015, Bluetta, FarmForest Research



	Control	Chemical	Botector
Efficacy	-	69	88
Significance	a	b	b
BBCH 60 13.05.2015	-	CH1	CH1
BBCH 65 23.05.2015	-	CH2	CH2
BBCH 67 31.05.2015	-	CH1	BOT
BBCH 69 17.06.2015	-	CH2	BOT

Source: Bioferm

FURTHER INFORMATION

Nufarm Technical updates are eligible for 1 BASIS CPT/year
 Ref: CP/100840/2021/g. Email claim to linda@basis-reg.co.uk

Botector contains *Aureobasidium pullulans* strains DSM 14940 and DSM 14941.
 Botector is a trademark of Bio-ferm GmbH.

Details of application rates and timings are given in Nufarm labels and product literature, both of which can be accessed from our website www.nufarm.com/uk. Alternatively, ring the Nufarm helpline on 01274 694714, Monday to Friday 9.00 - 17.00

Use plant protection products safely. Always read the label and product information before use. For label and safety information, refer to the Nufarm website www.nufarm.com/uk. Nufarm UK Ltd, Wyke Lane, Wyke, Bradford, BD12 9EJ.

